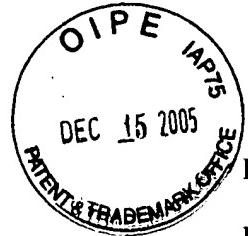


10/534147

IAP10 Rec'd PCT/PTO 15 DEC 2005



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Entitled
Richard Bates : IMPROVEMENTS IN OR RELATING
Serial No. 10/534,147 : TO VALVES
Int'l Filing Date: November 13, 2003 : Attorney Docket No. 063030-00076

RESPONSE TO NOTICE OF MISSING REQUIREMENTS
UNDER 35 U.S.C. 371 IN THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)

Eckert Seamans Cherin & Mellott, LLC
600 Grant Street, 44th Floor
Pittsburgh, PA 15219

December 1, 2005

Mail Stop MISSING PARTS
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the enclosed **NOTICE OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE DO/EO/US** dated November 16, 2005, enclosed for filing in connection with the captioned application are the following:

- Declaration;
- Power of Attorney; and
- Credit Card Charge Slip for payment of the surcharge fee in the amount of \$130 as listed on the Notice.

Please charge any underpayment or credit any overpayment to Deposit Account No. 02-2556.

Please date-stamp and return the enclosed postcard in order to acknowledge receipt of these documents.

12/09/2005 LLANDGRA 00000073 10534147

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(412) 566-2077

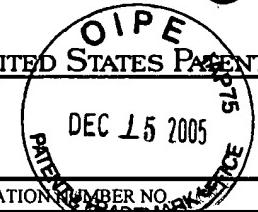
Respectfully submitted,


Arnold B. Silverman
Registration No. 22,614
Attorney for Applicant

Rec'd PCT/PID 15 DEC 2005 Page 1 of 2
PCT



UNITED STATES PATENT AND TRADEMARK OFFICE



UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/534,147	Richard Bates	063030-00076

INTERNATIONAL APPLICATION NO.

PCT/GB03/04936

I.A. FILING DATE	PRIORITY DATE
11/13/2003	11/14/2002

M
3705
ECKERT SEAMANS CHERIN & MELLOTT
600 GRANT STREET
44TH FLOOR
PITTSBURGH, PA 15219

NOV 18

CONFIRMATION NO. 4807
371 FORMALITIES LETTER



OC000000017359345

Date Mailed: 11/16/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US).

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 05/09/2005
- Copy of the International Search Report filed on 05/09/2005
- Preliminary Amendments filed on 05/09/2005
- Information Disclosure Statements filed on 05/09/2005
- U.S. Basic National Fees filed on 05/09/2005
- Priority Documents filed on 05/09/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.

Missing Parts Due 1-16-06
par'

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

CHARITTA A BURT

Telephone: (703) 308-9140 EXT 207

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/534,147	PCT/GB03/04936	063030-00076

FORM PCT/DO/EO/905 (371 Formalities Notice)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Serial No.: 10/534,147
Attorney Docket No.: 063030-00076**Certificate of Mailing under 37 CFR 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Mail Stop MISSING PARTS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on December 1, 2005
Date

Signature

Michelle Kalafatis

Typed or printed name of person signing Certificate

412-566-5924

Registration Number, if applicable

Telephone Number

Response to Notice of Missing Requirements

Copy of Notice

Credit Card Payment Form

Declaration

Return Receipt Postcard

Power of Attorney

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.